

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under
37 CFR 1.53(b))

	Attorney Docket No.	RAM 493 DIV
	First Inventor	Jarrod ELIASON
	Title	FERROELECTRIC NON-VOLATILE LOGIC ELEMENTS
	Express Mail Label No.	EL533427807US

APPLICATION ELEMENTS

Commissioner for Patents
Mail Stop Patent Application
Alexandria, VA 22313-1450

1. Fee Transmittal Form
(submit an original and a duplicate for fee processing)

2. Applicant claims small entity status.
See 37 CFR 1.27

3. Specification [total pages 57]
(preferred Arrangement set forth below)

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R&D
- Reference to sequence listing, a table, or a computer program listing appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. Drawing(s) [total sheets 43]

5. Oath or Declaration [total pages 2]

- a. Newly executed (original or copy)
- b. Copy from prior appl. (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

6. Application Data Sheet. (See 37 CFR 1.76)

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

- a. Computer Readable Form
- b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
- c. Statements verifying identity of above copies

9. Assignment Papers (coversheet/document(s))

10. 37 CFR. 3.73(b) Statement Power of Attorney
(when there is an assignee)

11. English Translation Document

12. IDS & Form PTO/SB/08A Copies of IDS Citations

13. Preliminary Amendment

14. Return Receipt Postcard (MPEP 503)

15. Certified Copy of Priority Document(s)

16. Nonpublication Request Under 35 USC 122(b)(2)(B)(i).Applicant must attach form PTO/SB/35

17. Other: Certificate of Mailing; Check for \$1,348.00

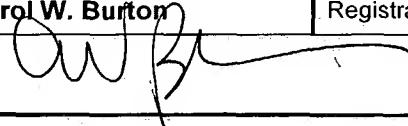
18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No: 10/076,058

Prior application information: Examiner: Toan V. TRAN Group/Art Unit: 2818

FOR CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	or <input type="checkbox"/> Correspondence address below			
				
Name				
Address				
City	State	ZIP		
Country	T l phone	Fax		
Name (Print/Type)	Carol W. Burton	Registration No.		35,465
(Signature)			Date	July 3, 2003

17858 U.S.P.T.O.
107613421
07/03/03



130
7/03/03
U.S. PTO

FEE TRANSMITTAL for FY 2003

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT **(\$1,348.00)**

		Complet if Known	
Application Number			
Filing Date		July 3, 2003	
First Named Inventor		Jarrod ELIASON	
Examiner Name			
Group / Art Unit			
Attorney Docket No.		RAM 493 DIV	

METHOD OF PAYMENT (check all that apply)

check credit card money order other none
 Deposit Account

Deposit Account Number

50-1123

Deposit Account Name

Hogan & Hartson L.L.P.

The Commissioner is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) for this filing
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid
750	375	Utility Filing Fee	\$750.00
330	165	Design filing fee	
520	260	Plant filing fee	
750	375	Reissue filing fee	
160	80	Provisional filing fee	

SUBTOTAL (1) **(\$750.00)**

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
51	1		-20**=	31 X 18 =	\$558.00
			-3**=	0 X 84 =	\$0

*or number previously paid, if greater. For Reissues, see below

Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description
18	9	Claims in excess of 20
84	42	Independent claims in excess of 3
280	140	Multiple dependent claim, if not paid
84	42	**Reissue independent claims over original patent
18	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) **(\$558.00)**

3. ADDITIONAL FEES		FEE DESCRIPTION (continued)	Fee Paid
Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	
130	65	Surcharge – late filing fee or oath	
50	25	Surcharge – late provisional filing fee or cover sheet	
130	130	Non-English specification	
2,520	2,520	For filing a request for ex parte reexamination	
920*	920*	Requesting publication of SIR prior to Examiner action	
1,840*	1,840*	Requesting publication of SRI after Examiner action	
110	55	Extension for reply within first month	
410	205	Extension for reply within second month	
930	465	Extension for reply within third month	
1,450	725	Extension for reply within fourth month	
1,970	985	Extension for reply within fifth month	
320	160	Notice of Appeal	
320	160	Filing a brief in support of an appeal	
280	140	Request for oral hearing	
1,510	1,510	Petition to institute a public use proceeding	
110	55	Petition to revive – unavoidable	
1,300	650	Petition to revive – unintentional	
1,300	650	Utility issue fee (or reissue)	
470	235	Design issue fee	
630	315	Plant issue fee	
130	130	Petitions to the Commissioner	
50	50	Processing fee under 37 CFR 1.17(q)	
180	180	Submission of Info Disclosure Stmt	
40	40	Recording each patent assignment per property (times number of properties)	\$40.00
750	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
750	375	For each additional invention to be examined (37 CFR § 1.129(b))	
750	375	Request for Continued Examination	
900	900	Request for expedited examination of a design application	
Other fee (specify)		
SUBTOTAL (3)		(\$40.00)	

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

SUBMITTED BY Complete (if applicable)

Name (Print/Type) **Carol W. Burton**

Registration No.
(Attorney/Agent)

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Telephone

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Signature

Date

July 3, 2003

Attorney Docket No. RAM 493 DIV
Client Matter No. 80412.0139.003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Divisional U.S. Patent Application of:

Jarrod ELIASON

Examiner:

Serial No.

Art Unit:

Filed: July 3, 2003

Title: FERROELECTRIC NON-VOLATILE
LOGIC ELEMENTS

CERTIFICATE OF MAILING BY EXPRESS MAIL

Commissioner for Patents
Alexandria, VA 222313-1450

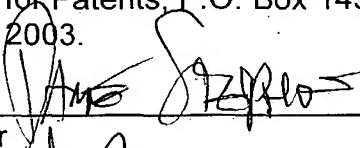
Sir:

The undersigned hereby certifies that the attached

1. Utility Patent Application Transmittal;
2. Fee Transmittal;
3. Check for \$1,348.00;
4. Specification (42 pages); Claims (14 pages); Abstract (1 page) and Drawings (43 Sheets);
5. Copy of Declaration from Serial No. 10/076,058 (signed);
6. Preliminary Amendment;
7. Recordation Assignment Cover Sheet and Assignment;
8. IDS and Form PTO/SB/08A;
9. Return Card; and

and this Certificate of Mailing by Express Mail relating to the above application, were deposited as "Express Mail", Mailing Label No. EL533427807US with the United States Postal Service, addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on July 3, 2003.

July 3, 2003

Mailer


July 3, 2003

Carol W. Burton, Reg. 35465

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